

**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph on page 53, lines 4-24 with the below amended paragraph.

All DNA manipulations, including PCR, were performed according to standard and published procedures (Maniatis *et. al.*, 1982 and Smith *et. al.*, 1998) except as detailed in Bernhardt *et. al.*, (2000).  $\phi$ X174Epos4B, referred to as  $\phi$ X174Epos, was isolated as a spontaneous plaque former on a *slyD* mutant lawn (W.D.Roof, unpublished results). Most plasmids and strains have been described (Bernhardt, *et. al.*, 2000). The *Epos4B* allele contains both the R3H and L19F missense mutations and henceforth will be referred to as Epos. *E. coli* K-12 strain ET505 (W3110 *lysA::Tn10*) was the host strain used in the work on MraY inhibition and was obtained from the *E. coli* Genetic Stock Center (New Haven, CT) ([www.ebsc.biology.yale.edu](http://www.ebsc.biology.yale.edu)). A *lysA* strain was required to prevent the conversion of added [<sup>3</sup>H]-DAP to Lys, so that [<sup>3</sup>H]-DAP can only be incorporated into cell wall and its precursors. The plasmid pEmycZK, described previously (Bernhart *et. al.*, 2000) contains *Emyc*, encoding E with a C-terminal c-myc epitope tag, cloned under control of the IPTG-inducible *tac* promoter (Figure 3). The control vector pJFlacZK is isogenic to pEmycZK except that it does not contain *Emyc*. It was constructed by inserting the *lacZ* gene in the HindIII site of pJF118EH (Fürste, Pansegrau, *et. al.*, 1986) and converting it to KanR as described previously for pEmycZK (Bernhardt, *et. al.*, 2000). Microbiological methods, culture growth conditions, phage plating and lysis profiles have been described previously (Bernhardt, *et. al.*, 2000 and Roof *et. al.*, 1994).